


11/26/01  
11054 U.S. PTO

11-28-01

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PTO/SB/05 (8-96)  
Approved for use through 9/30/98. OMB 0651-0032  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE  
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## NEW UTILITY PATENT APPLICATION TRANSMITTAL

(to be used for new applications only)

Attorney Docket Number

AT-1

First Named Inventor

Bruce Monk

Total Pages in this Submission

46

### APPLICATION ELEMENTS

Notice: Checklist items mentioned under Application Elements section construct a new utility patent application. Please refer to MPEP Sections 506, 601, (37CFR 1.77, 1.53, 35 USC 111, 112, 113) for detailed explanation regarding completeness of an original patent application.

1. ☒ Fee Transmittal Form (prescribed filing fee(s)) 1
2. Specification  
☒ Title of the Invention **Total 32**  
☐ Cross References to Related Applications (if applicable)  
☐ Statement Regarding Federally-sponsored Research/Development (if applicable)  
☐ Reference to Microfiche Appendix (if applicable)  
☒ Background of the Invention  
☒ Brief Summary of the Invention  
☒ Brief Description of the Drawings (if drawings filed)  
☒ Detailed Description  
☒ Claim or Claims  
☒ Abstract of the Disclosure
3. ☒ Drawing(s) (when necessary as prescribed by 35 USC 113) 5
4. ☒ Executed Declaration 1

5. Genetic Sequence Submission (if applicable, all must be included)

- ☐ Paper Copy  
☐ Computer Readable Copy  
☐ Statement Verifying Identical Paper and Computer Readable Copy

### ACCOMPANYING APPLICATION PARTS

6. ☒ Assignment Papers 3
7. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
8. ☐ Computer Program in Microfiche
9. ☐ English Translation Document (if applicable)
10. ☐ Information Disclosure Statement/PTO-1449 ☐ Copies of IDS Citations
11. ☐ Petition Checklist and Accompanying Petition
12. ☐ Preliminary Amendment
13. ☐ Proprietary Information
14. ☒ Return Receipt Postcard 1
15. ☒ Small Entity Statement 1
16. ☒ Additional Enclosures (please identify below):

Express Mail PTO/SB/93 1  
Cert. Check - \$812 1

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name

25,974  
Joseph E. Funk

Signature

Joseph E. Funk

Date

Nov. 20, 2001

### FOR OFFICIAL USE ONLY

|                    |                  |                         |  |                    |  |
|--------------------|------------------|-------------------------|--|--------------------|--|
| Application Number |                  | Class                   |  | Independent Claims |  |
| Date of Receipt    | Application Type | GAU                     |  | Total Claims       |  |
|                    | Filing Date      | Foreign Filing License? |  | Drawing Sheets     |  |
|                    | Small Entity     | Foreign Address?        |  | Special Handling?  |  |

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

## FEE TRANSMITTAL

Total Amount of Payment \$ 812

## METHOD OF PAYMENT (Check one)

1. ☐ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:  
 Deposit Acct. No.  
 Deposit Acct. Name.  
☐ Charge any additional fee ☐ Charge the Issue Fee required under 37CFR 1.16 and 1.17 set in 37CFR 1.311(b)

2. ☒ Payment Enclosed  
☒ Check ☐ Money Order ☐ Other

## FEE CALCULATION (fees effective 10/1/96)

## FILING FEE

| Large Entity Fee Code | Small Entity Fee Code | Description      | Fee Paid |
|-----------------------|-----------------------|------------------|----------|
| 101 770               | 201 370               | Utility file fee | \$ 370   |
| 106 320               | 206 160               | Design file fee  | \$       |
| 107 530               | 207 265               | Plant file fee   | \$       |
| 108 770               | 208 385               | Reissue file fee | \$       |
| 114 150               | 214 75                | Prov. file fee   | \$       |
| SUBTOTAL (1)          |                       |                  | \$ 370   |

## CLAIMS

| Total claims                | Extra     | Fee from below | Fee Paid |
|-----------------------------|-----------|----------------|----------|
| 32 - 20 = [12]              | X [9]     | =              | \$ 108   |
| Indep. claim [10] - 3 = [7] | X [42]    | =              | \$ 294   |
| Multiple Dep. Claims        | [ ] X [ ] | =              | \$       |

| Large Entity Fee Code | Small Entity Fee Code | Description   |
|-----------------------|-----------------------|---|
| 103 22                | 203 11                | Claims in excess of 20                                  |
| 102 80                | 202 40                | Ind. claims - excess of 3                               |
| 104 260               | 204 130               | Multiple dep. claims                                    |
| 109 80                | 209 40                | Reissue ind. claims over original patent                |
| 110 22                | 210 11                | Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) \$ 402

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

| Large Entity Fee Code | Small Entity Fee Code | Description   | Fee Paid |
|-----------------------|-----------------------|---|----------|
| 105 130               | 205 65                | Surcharge - late filing fee or oath                               | \$       |
| 127 50                | 227 25                | Surcharge - late provisional filing fee or cover sheet            | \$       |
| 139 130               | 139 130               | Non-English specification   | \$       |
| 147 2460              | 147 2460              | Filing a request for re-exam                                      | \$       |
| 112 900               | 112 900               | Requesting publication of SIR prior to Examiner action            | \$       |
| 113 1790              | 113 1790              | Requesting publication of SIR after Examiner action               | \$       |
| 115 110               | 215 55                | Ext. for response in 1st month                                    | \$       |
| 116 390               | 216 195               | Ext. for response in 2nd month                                    | \$       |
| 117 930               | 217 465               | Ext. for response in 3rd month                                    | \$       |
| 118 1470              | 218 735               | Ext. for response in 4th month                                    | \$       |
| 119 300               | 219 150               | Notice of Appeal  | \$       |
| 120 300               | 220 150               | Filing brief supporting appeal                                    | \$       |
| 121 260               | 221 130               | Request for oral hearing  | \$       |
| 138 1470              | 138 1470              | Petition to institute public use proceeding                       | \$       |
| 140 110               | 240 55                | Petition to Revive - Unavoidably abandoned application            | \$       |
| 141 1290              | 241 645               | Petition To Revive Unintentionally abandoned application          | \$       |
| 142 1290              | 242 645               | Utility Issue Fee (or Reissue)                                    | \$       |
| 143 440               | 243 220               | Design Issue Fee  | \$       |
| 144 650               | 244 325               | Plant Issue Fee   | \$       |
| 122 130               | 122 130               | Petitions to Commissioner   | \$       |
| 123 50                | 123 50                | Petitions for provisional appns.                                  | \$       |
| 126 230               | 126 230               | Submission of Inf. Disc. Sheet                                    | \$       |
| 581 40                | 581 40                | Recording each patent assignment per property (X number of prop.) | \$ 40    |
| 146 770               | 246 385               | Filing a submission after final rejection (37 CFR 1.129(a))       | \$       |
| 149 770               | 249 385               | For each added invention to be examined (37CFR 1.129(b))          | \$       |
| Other Fee (specify):  |                       |   | \$       |
| Other Fee (specify):  |                       |   | \$       |
| Other Fee (specify):  |                       |   | \$       |
| SUBTOTAL (3)          |                       |   | \$ 40    |

Complete (If Applicable)

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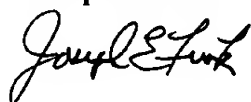
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New US Patent application for:

Title: Validation and Verification Apparatus and Method  
Inventors: **Bruce C. Monk & Theodore T. Kuklinski**

Application (32 sheets – Specification, claims & abstract)  
Drawings, Informal (5 sheets)  
Declaration and Power of Attorney  
Assignment  
Recordation Form Cover Sheet (PTO-1619A)  
Verified Statement Claiming Small Entity Status (PTO/SB/10)  
Transmittal Form (PTO/SB/5)  
Check for \$ 812  
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